Mimulus Memo

California Native Plant Society
KERN CHAPTER

MARCH 2018

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EVENTS

MARCH

15 – Chapter Meeting, 6pm
Program, 7pm

17 - Desert Tortoise Natural Area Field Trip

31 - Mill Creek Field Trip

APRIL

4 - Stand by Your Lands Workshop

7 - Carrizo Field Trip

19 – Chapter Meeting, 6pm
Program, 7pm

21 – Garden Fest at BC

28 - Local Garden Tours

MAY

17 – Chapter Meeting, 6pm
Program, 7pm

JUNE

1-3 – Horse Meadow Campout

21 – Chapter Meeting, 6pm
Program, 7pm

President's Message

Report on Bryophyte Field Trip – January 20, 2018

by Richard Spjut

JAMES SHEVOCK GAVE AN EDUCATIONAL AND ENTERTAINING presentation on bryophtyes at our annual potluck (Jan 18). The following Saturday he led a field trip along the Old Kern Canyon Road. Temperatures were in the chilly 40's and the bryophytes were luxuriant due to recent rain. We began our trip at Mill Creek along the Old Kern Canyon Road and made four additional stops, as I recall, heading to Lake Isabella. We looked at approximately 30 species; 25 I noted are listed here more or less in the order seen: *Grimmia laevigata, Gemmabryum vinosum, Syntrichia princeps, Homalothecium pinnatifidum, Anacolia, Hedwigia detonsa, Grimmia trichophylla, Asterella californica, Grimmia pulvinata, Targionia hypophylla, Drepanocladus aduncus, Rosulabryum capillare, Bryum argenteum, Lewinskya (Orthotrichum) laevigata, Scleropodium julaceum, Crumia latifolia, Plagiobryoides, Lewinskya rupestris, Lewinskya bolanderi, Grimmia 2pp, Eucladium verticillatum, Scleropodium obtusifolium,* and *Fissiden bryoides.*

An annotated checklist of the bryophytes of Kern County has been updated from 96 to approximately 187 species. The list was

Coll. No. 50973 Taxon Crumia
LIGHT: sunny/open, filtered, partial shade, full shade
WATER: dry, mesic, moist, seep, wet, saturated, submerged to __ m
TOPOG: ridge, slope, swale, valley, trail, roadside
HABITAT: dense/open/cut forest, woodland, savannah, grassland, heath, chaparral, tropical, sub-tropical, temperate, subalpine, alpine, desert, riparian, spring/seep, meadow, bog/fen, swamp, pond, lake, vernal pool, river/stream/creek bank, intermittent streamlet, rivulet, rheophytic
SUBSTRATE: igneous (granite, volcanic), metamorphic (slate, shale, marble, limestone), sedimentary (sandstone), other _____
Soil: sand, loam, gravel, clay, rocky, litter, humus, peat
Rock: outcrop, cliff, crevice, top/wall of boulder, rock-slab, underhang
Tree: base, buttress, trunk, stump, snag, log, fallen/dead/rotten trunk, branch, exposed roots, bark, leaf, shrub, climber, liana, __ m above ground
Type: conifer, podocarp, hardwood, tree fern, palm, bamboo, _____

Right: *Crumia latifolia*, moss collected in deep shade by large granite boulders, in splash zone when it rains along narrow, steep, open, north-facing rocky ravine.

Right: Jim Shevock's field packet and notes for the collection.

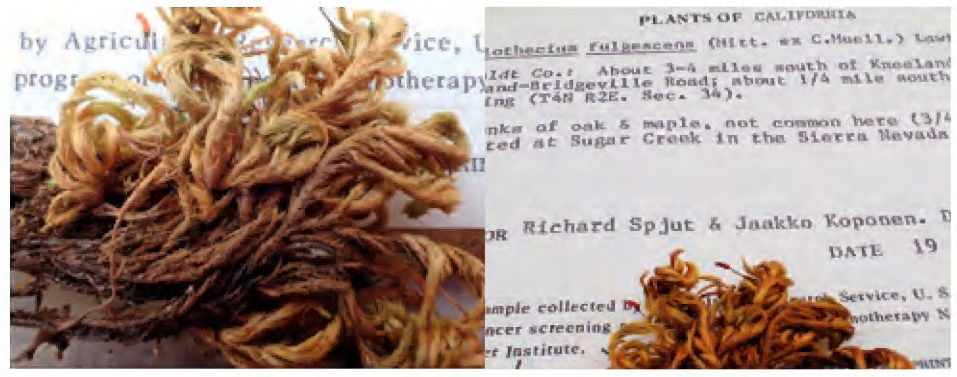
The California Native Plant Society is a non-profit organization dedicated to the conservation of California native plants and their natural habitats, and to increasing the understanding, appreciation, and horticultural use of native plants.

extracted largely from **Consortium of North American Bryophyte Herbaria** and supplemented by the **California Moss eFlora**. **The Moss Flora of North America** (north of Mexico) and the online moss eflora were also consulted. The original list was compiled from 289 records for Kern County. Since then many more records were added, totaling around 1,500. The main collectors are James Shevock, **Eve Laeger** and the late **Daniel Norris**. Their collection usually notes the geographical region and general vegetation as the microhabitat. ✿

Above left: *Syntrichia princeps*, acrocarpous moss with sporophytes, dry and wet (above right). Common on sides and upper surface of boulders.

Above: *Asterella californica*, liverwort, on vertical face of large rock near base, Mill Creek.

Above left: *Riccia sp.*, hepatic liverwort and lichen *Acarospora socialis* (**above right**). *Riccia* of local occurrence on soil of steep north-facing slopes, off Remington Ridge Trail, field trip Mar. 2017 led by **Paul S. Wilson,** *Acarospora* on sides of large boulders near Mill Creek.



Pleurocarpous moss, *Homalothecium fulgescens*, voucher specimen and herbarium label for sample collected July 19, 1980 in Humboldt County for the USDA/NCI anticancer screening program.

all photos by Richard Spjut

Participants gather along old Kern Canyon Road.

Thank You to:

... **Dr. Jim Shevock,** for teaching us what a rich and unexplored territory exists in the study of bryophytes, and for taking the time to lead us on a field trip to find them.

... **Greg Suba** for reviewing the remarkable plant diversity of our state, and the need for conservation measures, and for raising concern about the possibility of losing 8 years of valuable work done on the Desert Renewable Energy Conservation Plan (DRECP).

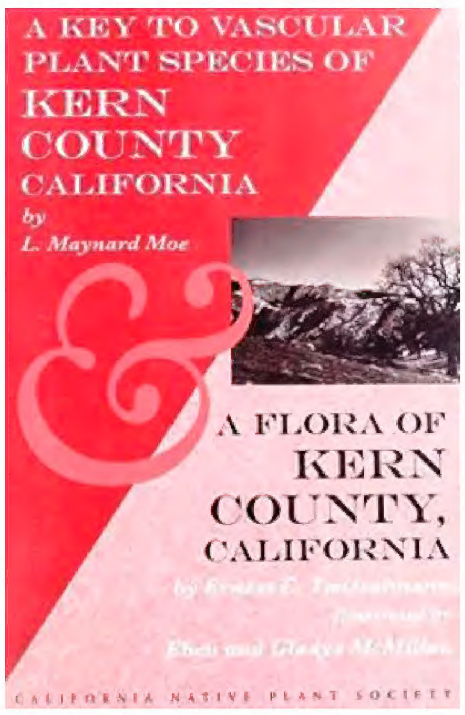
... for all the cooks and pie- and cookie-bakers who made our potluck another memorably tasty annual event ✿

Eben & Gladys McMillan: The Rancher-Conservationists Who Inspired Ernest Twisselmann

by Nancy Nies

Part One ~

IF THERE IS ONE BOOK COMMON TO THE BOOKshelves and backpacks of Kern CNPS members, it is **Ernest Twisselmann's Flora of Kern County, California**, first published by the University of San Francisco in 1967, and again, jointly with **Maynard Moe's Key to Vascular Plant Species of Kern County, California**, by CNPS in 1995. On the cover, underneath Twisselmann's name, appear those of the book's illustrators, **Eben** and **Gladys McMillan**. Dozens of the couple's photographs accompany the detailed discourse on the natural history of Kern County plants with which Twisselmann begins his Flora. The back cover features Eben McMillan's photo of Ernest Twisselmann. From the author's acknowledgments, we learn something about the McMillans. However, there is much more to know and appreciate about this accomplished pair.


A KEY TO VASCULAR PLANT SPECIES OF KERN COUNTY CALIFORNIA
by
L. Maynard Moe
&
A FLORA OF KERN COUNTY, CALIFORNIA
CALIFORNIA NATIVE PLANT SOCIETY

Early Years

Eben Louis McMillan (1907-1998) was born on his parents' ranch near Cholame, in San Luis Obispo County. In 1885, his grandparents and their seven children had homesteaded in the hills near what is now Shandon, in what would become known as McMillan Canyon. Eben's father married the local schoolteacher, and they raised a family of five boys and two girls. It was as children, taking nature walks with their mother — described by family sources as *"a person of artistic talent with a sensitive awareness of nature"* — and as adolescents, exploring the remote hills with a local who sold birds' eggs to museums, that Eben and his brother **Ian** began to acquire a vast knowledge of the plants and animals of the Shandon Hills, Carrizo Plain and southern San Joaquin Valley.

Gladys Martha Smith (1912-2010) and her twin sister **Grace** were born in Arkansas, into a family that would include eight children. When Gladys was seven years old, the Smith family began a series of moves, finally relocating in California in 1929. The Smiths lived briefly in Corcoran before settling in Creston, and Gladys's father worked on ranches in the area. After Gladys graduated from Paso Robles High School in 1932, she began work as a cook — first at the Union Oil pumping station in Shandon, and later at the Camatta Ranch and the Avenal Ranch, on Shell Creek.

By that time, young Eben McMillan was working as a cowboy on the Avenal Ranch, and it was here that Eben's and Gladys's paths crossed. They were married in San Luis Obispo in 1935. For the rest of their lives they would work as a team, first on the San Juan Ranch, south of Shandon. In 1937 they moved to the north end of the Carizzo Plain to manage the Pinole, a cattle and grain ranch, with Eben handling the ranch operations, and Gladys, the bookkeeping and cooking. In 1942 they bought a place of their own in Choice Valley, moving there in 1944 so that their children would be closer to schools.

Influence on Others

Sharing an interest in both natural history and photography, Eben and Gladys in the 1950s began a new venture — making and presenting wildlife films under the auspices of the Audubon Society, with the goal of instilling what Eben called *"a sense of responsibility"* in their audiences. This gave them the opportunity

Photo Courtesy of Greg McMillan

Eben and **Gladys McMillan** on Jack Ranch in 1995, posing in front of a huge valley oak that had just fallen. According to Greg McMillan, sixteen people had been able to link hands around the oak's perimeter, and the fallen tree was more than 100 yards long from end to end.

to travel extensively throughout the United States, the South Pacific, Australia, and Great Britain. Newspaper-archive websites abound with articles, from papers all over the U.S., publicizing the McMillans' lecture series. The Sept. 16, 1976 issue of ***The Bakersfield Californian*** announced that the McMillans were to present a color film entitled *"How to Bring Wildlife to a Homestead in the Shandon Hills,"* and reported that the previous year had seen the screening of their film *"Outback Australia."* Both showings were sponsored by the **Kern Audubon Society**.

On their travels, as well as at home on their ranch, Eben and Gladys forged strong friendships with other naturalists, both professional and amateur. The McMillans' son **Greg** fondly remembers his *"childhood days of spending time with biological luminaries that often stumbled into the place,"* and who frequently occupied the guest cabin. The McMillans were generous hosts, Eben taking visitors on tours of the area, and Gladys welcoming a constant stream of guests. Interviewed in 1983, **John Taft** — president, then and now, of the **Conservation Endowment Fund** — stated, *"Everyone was treated like somebody special — everything was dropped and the visitor became the focus."* Taft had met Eben in 1952 at the age of eighteen. Eben opened up the natural world to him, Taft said, and taught him to see beauty in the smallest, most delicate forms, such as grasses. *"If all the things I've learned from Eben vanished from my mind,"* he said, *"I'd be a mental pauper."*

> "If all the things I've learned from Eben vanished from my mind, I'd be a mental pauper." — John Taft

Greg McMillan was born in 1946, the youngest of Eben and Gladys's three sons, and still lives on the land where he grew up. He describes his parents as *"a perfect match for a rugged life in agriculture and remote areas."* Philosophically, though, says Greg, they were *"miles apart"* — Eben was a confirmed atheist/agnostic, while Gladys was deeply religious. Where their sons were concerned, however, they negotiated a compromise. One Sunday, the boys would attend church and Sunday school with their mother; the next, they would be with their dad in the out-of-doors, getting exercise and an education in nature. Greg remains grateful to his parents for this arrangement, through which he *"absorbed a deep respect for the natural world."* It was *"a pivotal point in my philosophical development,"* says Greg, who has followed in the conservationist footsteps of his father and uncle. These days, Greg is a building contractor specializing in energy efficiency and resource conservation; he's also a rancher who raises grass-fed cattle and grows olives.

In his blog of May 23, 2008, the *Camera Trap Codger* — a biologist and wildlife conservation consultant — recalls that in 1965 as a San Francisco State graduate student, he attended the annual meeting of the **American Society of Mammalogists**. There he saw Eben McMillan's presentation, a slide show about a bobcat who hung around the McMillans' house, finding rabbits to be plentiful in the yard. The Codger describes Eben as *"a gray-haired rancher from the grassy hills of San Luis Obispo County,"* who, with *"his charm and down-home manner"* captivated scientists and students alike. **Richard Krejsa,** a professor of biological sciences at **Cal Poly San Luis Obispo**, evidently agreed, often inviting Eben McMillan to come to his classes and speak on ecology and conservation. Eben and his brother **Ian** were, writes the Codger, *"intellectually stimulating and informed sources of first-hand information about ecology."* ✿

To be continued in the June issue . . .
(In **Part Two:** ***Eben on the California condor; Twisselmann on Eben and Gladys;*** and **thoughts on the McMillans' long, productive life together**)

Weeding & Watering Bakersfield Cactus Restoration Project

Photos by Paul Gipe

Bakersfield Cactus Restoration Project weeders and waterers **Vidi Castro** and **Favian Ramirez** (**above**) and **Clyde Golden** (**below**) remove unneeded fencing material March 10.

Kern CNPS at Wind Wolves Spring Festival
March 3 and 4

by Lucy Clark

IN SPITE OF RAIN, HAIL, AND SLEET ON SATURDAY, we had a wonderful time with all of the people at the festival! While most of that day, our visitors were other volunteers, we talked to many other environmentalists and many, many high school volunteers from Ridgeview and Independence. It was an uplifting experience seeing their response to our telling them about the DRECP, and other possibilities to get involved!

Photo courtesy Melissa Dabulamanzi

Lucy, Dorie and Fred (mostly hidden) talking with an attendee at Wind Wolves Spring Festival.

Our crew consisted of our new members, **Gurleen Kaur** and **Elyse Goin**, and previous volunteers, **Fred Chynoweth**, **Lucy Clark**, and **Dorie Giragosian**. (Visitors remembered Dorie from our plant sales.)

Both days, the crowd was interested in our Bakersfield Cactus project, plant sales, meetings, and Internet presence. We gave away books and sold many wildflower posters. We talked our way through the whole stack of DRECP postcards, and gave away three fourths of the business cards with the new address HAND-printed on the back in down times, by Gurleen, Dorie and Elyse!

Many thanks to all for making Kern CNPS a presence at this event. ✿

Chapter Meetings

upcoming TOPICS

Thursday, March 15 - 7 pm
Presenter: **Steven Hartman,**
CNPS Board President
Sepulveda Basin, Van Nuys, CA: World Class Urban Wildlife Refuge

Thursday, April 19 - 7 pm
Presenter: **Jorge Ochoa,**
Assoc. Professor, Horticulture,
Long Beach City College
Topic: *TBA*

Thursday, May 17 - 7 pm
Presenter: **Fletcher Linton,**
Botanist, Sequoia National Forest
Anza-Borrego State Park Superbloom 2017

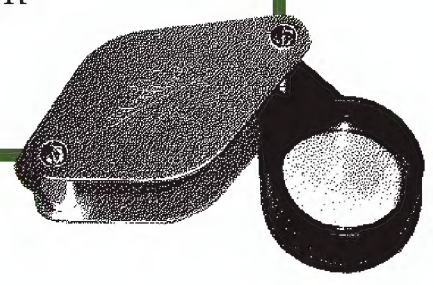
Thursday, June 21 - 7 pm
Presenter: **Richard Spjut,**
Kern Chapter President
Relict Plants in the Paiute Mountains

JULY - NO MEETING

AUGUST - NO MEETING

All chapter meetings are held the **3rd Thursday** of each month at the Kern County Supt. of Schools, Rm. 1A 1300 17th Street, Bakersfield, CA

Meeting times:
6 pm — Discussion groups on plant identification and native plant gardening
7 pm — Program presentation



FIELD TRIPS

by Patty Gradek with Rich Spjut

KERN CNPS FIELD TRIPS ARE OPEN TO ALL. Occasionally, numbers will be limited by the land owners or agencies. We welcome you to join us to see and learn about our native plants and their habitats, to learn to identify plants, or to photograph them. If you are skilled in plant identification, you can help us all learn.

Please always dress in layers, wear boots or shoes you can hike in, and bring food and water. You may also want to bring a hat, sunscreen, binoculars, camera, plant lists and useful references such as **Kern County Flora** and the **Jepson Manual**, or any book you like. We try to meet at a spot where we can park some cars and carpool to our location to save the air, the gas, the money and make sure that we will have adequate space to park. CNPS does not arrange car pools; each person does so at the meeting place. If you ride with another driver, please remember to offer to help pay for gas.

All trips are by reservation only, so we know whom to expect, and how many will be attending each field trip. Each trip will have the contact person listed. Please email the contact person by four days before the field trip and indicate the names of those who will attend. Please also provide a cell-phone number, in case we need to reach you that day, and indicate whether you will be driving a four-wheel-drive, AWD or high-clearance vehicle. We may need to limit participation for some trips if we don't have an adequate number of four-wheel-drive, AWD or high-clearance vehicles for all the participants.

IMPORTANT: **If your plans or your party's plans change and you will not be attending, it is critical for safety, planning and courtesy reasons – that you call or email the contact person and let them know you will not be there.**

This schedule of field trips is based on receiving rain in the next few months and having adequate conditions for viewing spring wildflower displays.

Photos Wiki Commons

<u>If we continue to have very dry conditions, we may have to cancel some field trips.</u>

March 17, Saturday

DESERT TORTOISE RESEARCH NATURAL AREA
with **Lucy Clark** and **Jillian Estrada**
Contact: **Lucy Clark** – *lucyg391@gmail.com*
RSVP Deadline: **8pm, Tuesday, March 13**

We have been invited to join the Preserve Manager and volunteers of the **Desert Tortoise Preserve Committee** for their work day at the **Natural Area** on **March 17th**. The focus for this work day is to remove invasive species such as *Salsola* and *Brassica* from selected areas. They are excited to have CNPS members participate in this important project. Following the work day, we will drive to nearby areas to observe desert wildflower blooms.

Plan on this being a full-day trip. We will meet at the Taco Bell on the north side of the junction of Hwy 58 and Hwy 184 (Weedpatch Hwy) at **7:30am**. We will form carpools and leave promptly at 7:45am. The work party will begin around 9:00am at the Natural Area and continue until early afternoon. We will then be free to explore the nearby wildflower blooms.

Bring your lunch, water, hat, and sunscreen and wear work clothes and boots. **Please RSVP to Lucy Clark** at the above email.

March 31, Saturday

MILL CREEK TRAIL IN THE KERN CANYON
with **Clyde Golden**
Contact: **Patty Gradek** – *pattygradek@gmail.com*
RSVP Deadline: **8pm, Tuesday, March 27**

The Mill Creek Trail is in the **Sequoia National Forest** and is accessed via the Old Kern Canyon Road. It is one of our local wildflower treasures in the spring.

If you are not familiar with the area, you will find it to be a wonderful place to return to many times each spring.

We will meet at the parking lot of the small shopping center at Fairfax and Auburn roads at **9:30am**. Take the Fairfax exit off Hwy 178 and head north on Fairfax to the shopping center on the northwest corner of Fairfax and Auburn roads. We will form carpools there and then head east on Hwy 178 into the Kern River Canyon. There may be a stop or two on the way to Mill Creek if we see some good displays. Mill Creek is less than an hour from Bakersfield and it is a Forest Service trail. Plan on returning to Bakersfield by late afternoon. Bring your lunch, water, a sunhat, and sunscreen, and wear boots you can hike in. Please **RSVP to Patty Gradek** at the above email.

Photos by Patty Gradek

April 7, Saturday

Carrizo Plain National Monument
with **Denis Kearns**
Contact: **Patty Gradek** – *pattygradek@gmail.com*
RSVP Deadline: **8pm, Tuesday, April 3**

Botanist **Denis Kearns** will lead us on a trip to this wild and beautiful place. The trip will be limited to 20 people, due to limits prescribed for such tours in the BLM Management Plan. Therefore, if you want to attend, we suggest you contact Patty Gradek at *pattygradek@gmail.com* early, because only 20 people will be allowed to participate.

Please meet at the parking lot of the BLM office at 3801 Pegasus Drive at **8:30am** for carpooling. If you have a four-wheel drive or AWD, please drive it. We will leave promptly at 8:45am and this will be a full-day field trip. There are restrooms at the Visitor Center at Carrizo. Bring your lunch, water, a sunhat, sunscreen and boots you can hike in.

April 28, Saturday

NATIVE GARDEN TOUR IN BAKERSFIELD
with **Monica Tudor, Dale Gradek**
and **Dinah Campbell**
Contact: **Patty Gradek** – *pattygradek@gmail.com*
RSVP Deadline: **8pm, Tuesday, April 24**

This native garden tour will visit the gardens of three of our chapter members. It will be an opportunity to see different species in bloom and various ways to landscape with natives. Plan on this being a morning's activity. We will meet at **Monica Tudor**'s home in the Rosedale area of Bakersfield at 8:30am. We will spend 45 minutes touring her garden and then will travel to **Dale** and **Patty Gradek**'s home in the northeastern part of Bakersfield. We will again spend 45 minutes touring their garden and then travel to **Dinah Campbell**'s home which is also in the northeastern part of town. We will be finished by noon.

You are welcome to take photos and may want to bring water and sun protection. We assume the participants will drive their own vehicles to each location. Please **RSVP to Patty Gradek** at the above email. Participants will be given the addresses of the gardens. ✿

California Native Plant Society

CNPS is the leader for providing reliable information on California native plants and plant conservation. Comprehensive information about California's flora and vegetation communities is available throughout the state for conservation and educational purposes. CNPS's leadership influences personal ethics and actions, as well as public policy for native plant protection.

CNPS LAX Conference

by Paul Gipe

KERN CNPS WAS WELL REPRESENTED AT CNPS' recent **Conservation Conference** at LAX. We had at least a half a dozen roaming the halls, and taking in presentations from fire in chaparral to **Mitchell Coleman**'s talk on the difficulty of propagating *Atriplex* (saltbush).

Pre-conference workshops were particularly useful. The workshops appealed to both professional and neophyte. I attended a workshop on how to use **Calflora**. The website, *www.calflora.org,* can be intimidating at first, but is very powerful and can be used in a number of ways to help us newbies identify plants in the field. **Clyde Golden** had told me about one Calflora feature, "*What Grows Here,*" and the workshop explained how best to use it. Try it.

Dinah Campbell's striking poster of our chapter's effort to propagate Bakersfield cactus was a big hit. **Fred Chynoweth** and I explained how volunteers planted cacti that had been grown in a system of propagation designed by **Ellen** and **Bryan Cypher.** We could occasionally snag Ellen out of the milling crowd to explain the process in more detail.

The most popular presentations were those on chaparral vegetation and on California's fire ecology. One tidbit that I took away from **Jon Keeley's** presentation was that the devastating fire in Sonoma wasn't as unexpected as everyone had thought. Indeed, Keeley showed historical data that the same exact areas had burned several times before — and will, no doubt, again. Jon will speak for one of the chapter meetings this fall.

By far the most engaging — and entertaining — speaker of the conference for me was **Jorge Ochoa** from **Long Beach City College**. He spoke on post-fire revegetation of **Griffith Park**. He had the audience roaring with laughter as he sped through his heavily-accented talk about the birds and bees and all the tiny critters that inhabit this urban park. He had his audience of botanists clapping in agreement when he quickly substituted common names for scientific names by saying the botanists couldn't make up their minds so he'd just stick with the common names. We're excited that Jorge will speak to Kern CNPS **19 April** at our regular monthly meeting. His talk is not one to miss. ✿

Conservation Corner:

by Fred Chynoweth

THE CONSERVATION CONFERENCE WAS A success with many interesting presentations. CSUB student **Mitchell Coleman** gave an excellent presentation, similar to the one he gave us last year, related to *Atriplex polycarpa*. Mr. Coleman was sponsored by the Kern Chapter. Also, our chapter's poster on the planting of the Bakersfield cactus received many inquiries.

A Notice of Intent to Amend the California Desert Conservation Area, Bakersfield, and Bishop Resource Management Plans has just been filed. The state CNPS will submit the information previously provided. Maps will be put on the CNPS website to show the areas within the 7 eco-regions that were protected.

If you have experience with the flora in any of these, please let **Greg Suba, Lucy Clark,** or **Fred Chynoweth** know. You may submit comments to the **BLM-California State Director, 2800 Cottage Way, Rm W-1623, Sacramento, CA 95825** or electronically to *BLM_CA_DRECP@blm.gov*. The deadline is 3/19/2018.

CNPS has signed on to a letter in opposition to **H.R. 1349**, the "***Wheels over Wilderness***" bill which, if passed, would open wilderness areas to mountain-biking. Our opposition to H.R. 1349 is part of an ongoing defense against anti-environmental efforts to rollback existing laws and conservation designations across the US by the current administration.

Third, the **U.S. Forest Service** and **Department of Interior** are proposing to open more areas to logging under the guise of preventing destructive fires. Particularly, they want open up IRAs, which are roadless areas in line for wilderness designation. (*www.californiachaparral.org* has a great discussion on wildfires)

Oak habitats are being destroyed at unprecedented rates to make way for vineyards, housing tracts, golf courses and other development. Recent legislation (**Senate Bill 1334)** has been signed by the Governor which now requires specific oak woodlands mitigations wherever projects within county jurisdiction may result in significant impacts to oak woodlands. For more information see the CNPS web site or *www.californiaoaks.org*.

The Joshua Tree Genome Project wants to develop a citizen science project. This will entail trips to areas in the Mojave Desert to make measurements on Joshua trees over the study period. Please consider if you would like to be a part of this enterprise. The coordinators would like to reach out to others in the community. You can keep up to date on Genome Project happenings through the website (*JoshuaTreeGenome.org*) and through facebook group: *https://www.facebook.com/jtgenome/*

A conservation toolkit is planned as an on-line course to help in understanding the **CEQA (California Environmental Quality Act)** process. ✿

STAND BY YOUR LANDS

ORGANIZE TO PROTECT LOCAL WILD PLACES

Bakersfield is surrounded by literally millions of acres of federal public lands. These landscapes belong to you. They also belong to our children and represent a priceless natural heritage. In these uncertain political times, local treasures like the Kern River and the Carrizo Plain National Monument are at risk. Join us at **Stand By Your Lands Bakersfield** to learn how citizens can protect the wild places they care about.

Help us build a new coalition of outdoor recreationists, nature lovers, and others who appreciate the clean water and clean air that public lands provide. No prior experience with conservation issues is required. Let's create a future where our local National Forests, National Parks and Bureau of Land Management lands are well-funded, well-managed, accessible to all, and home to thriving populations of native plants and wildlife!

Bakersfield-area college students are encouraged to attend!

Date: April 4
Time: 6-8 PM
Location: First Congregational Church, 5 Real Road, Bakersfield, CA 93309 (corner of Stockdale and Real Road)

Refreshments will be provided. Please email Jamie Ervin (jamie@sierraforestlegacy.org) to RSVP

California Wilderness Coalition · Sierra Forest Legacy · California Native Plant Society, Kern Chapter

SAVE THE DATE!

Annual Camping Trip
Horse Meadow Campground
June 1-3, 2018
by Lucy Clark

PUT THIS ON YOUR CALENDAR NOW! WE WILL work out details as the date approaches. We always have a good time eating together, and looking for the flowers in bloom, and perhaps taking a trip farther along Sherman Pass Road, or over to Big Meadow. We will work toward bringing a microscope for precise ID-ing of what we find this year.

Photo by Dinah Campbell

Sherman Pass Road, Horse Meadow Trip 2015

This is very early for our trip, but last year, a person with a vacation home nearby told us that Memorial Day was the best for flowers, so we are going to try the week-end after. And we can go again in July or August, if we want!

Keep the door open and email **Lucy Clark** at *lucyg391@gmail.com*, to be alerted to exact plans. ✿

Stand by Your Lands
Bakersfield Area Workshop

A COALITION OF ENVIRONMENTAL GROUPS — **California Wilderness Coalition**, **Sierra Forest Legacy** and **Kern Chapter California Native Plant Society** — is holding a workshop **Wednesday, April 4th** from **6 to 8 pm** at **First Congregational Church, 5 Real Road, Bakersfield.**

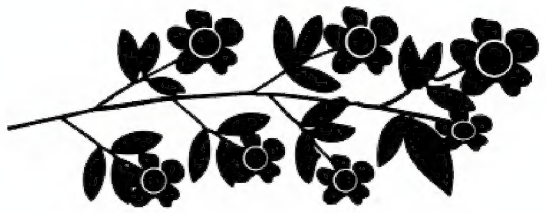
The aim of the workshop is to create an outreach event that will connect people who are concerned about protecting the unique and irreplaceable wild places in our own region. We want to train ourselves to protect these places in the current political environment which has brought threats to Bears Ears and Grand Staircase National Monument, and seen the slashing of agency budgets and countless legislative and bureaucratic attacks on our environmental laws.

We're looking for a diverse representation — including college students, outdoor enthusiasts and others who love Kern's public lands. Come learn and brainstorm about what we can do together! **RSVP** to **Jamie Ervin** *jamie@sierraforestlegacy.org*✿

CNPS-Kern Chapter
c/o Dinah Campbell, Editor
3806 Dalehurst Drive
Bakersfield, CA 93306
mimulus.memo@gmail.com

California Native Plant Society
KERN CHAPTER

Mimulus Memo



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BRYOPHYTE FIELD TRIP REPORT
REMAINING 2018 FIELD TRIPS
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Contacts:

President – Rich Spjut ..... richspjut@gmail.com
Vice President – Don Turkal ..... rochne1@icloud.com
Coordinator – Paul Gipe ..... pgipe@igc.org
Treasurer – Monica Tudor ..... dosportas@msn.com
Secretary – Sasha Honig ..... andym5@bak.rr.com
Conservation – Fred Chynoweth ..... mntbyrd@sbcglobal.net
Lucy Clark ..... lucyg391@gmail.com
Council Delegate – Dorie Giragosian ..... dorengiragosian@peoplepc.com
Field Trips – Patty & Dale Gradek ..... pattygradek@gmail.com
Clyde Golden ..... cgold666@hotmail.com
Meet-Up Coordinator ..... (volunteer needed)
Newsletter – Dinah Campbell ..... mimulus.memo@gmail.com
Plant Sale – Dorie Giragosian ..... dorengiragosian@peoplepc.com
Monica Tudor ..... dosportas@msn.com
Programs – Paul Gipe ..... pgipe@igc.org
Rich Spjut ..... richspjut@gmail.com
Publicity & Membership – Andy & Sasha Honig ..... andym5@bak.rr.com
Rare Plants – Clyde Golden ..... cgold666@hotmail.com
Webmaster – Rich Spjut ..... richspjut@gmail.com

The Kern Chapter of the

California Native Plant Society

California Native Plant Society meets the third Thursday of each month at:
Kern County Supt. of Schools
City Centre, Room 1A
1300 17th Street, Bakersfield, CA 93301
Chapter website: kern.cnps.org

The California Native Plant Society is a non-profit organization dedicated to the conservation of California native plants and their natural habitats, and to increasing the understanding, appreciation, and horticultural use of native plants. CNPS has 31 chapters throughout the state and membership is open to all persons — professional and amateur — with an interest in California's native plants. Members have diverse interests including natural history, botany, ecology, conservation, photography, drawing, hiking and gardening. As a Kern County resident, your membership includes Fremontia, *a quarterly journal with articles on all aspects of native plants; the* Bulletin, *a statewide report of activities and schedules; and* The Mimulus Memo, *the newsletter of the Kern Chapter.*

Join CNPS or renew your membership online at www.cnps.org.

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